

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) An electronic information device comprising:
a display which uses a material having a memory effect, the display having a write mode for writing an image on the display based on image data and a display mode for displaying the image written in the write mode without electric power, and when the write mode is interrupted before completion of the writing of the image, an incomplete image including a part of the image remains to be displayed on the display in the display mode;
an electric power source for supplying driving power to the display; [[and]]
a first input member to be operated by an operator to issue a turn off command to turn off the electric power source; and
a controller which, in response to a command to turn off the electric power source which is issued while the display is performing writing of an image based on display data by consuming electric power supplied from the electric power source, turns off the electric power source after completion of the writing of the image which is being written on the display based on the image [[display]] data when the command to turn off the electric power source is issued;
whereby the display displays a complete image based on the image [[display]] data after the electric power source has been turned off.
2. (Canceled)
3. (Previously Presented) An electronic information device according to claim 2, further comprising an image pick-up unit which picks up an image of an object by use of an image sensor and produces the image data.

4. (Previously Presented) An electronic information device according to claim 1, wherein information written on the display is a thumbnail picture such that a plurality of thumbnail images can be written side by side.

5. (Currently Amended) An electronic information device comprising:
a display which uses a material having a memory effect, the display having a write mode for writing an image on the display based on image data and a display mode for displaying the image written in the write mode without electric power, and when the write mode is interrupted before completion of the writing of the image, an incomplete image including a part of the image remains to be displayed on the display in the display mode;
an electric power source for supplying driving power to the display; ~~[[and]]~~
an input member to be manually operated by an operator to input a specified command;
a timer for counting elapsed time; and
a controller that resets a timer valued when the manual operation of the input member is conducted, and increments the timer value when the write mode has been completed;
wherein the controller performs ~~[[for performing]]~~ the following processes:
an automatic power-off process which turns off the electric power source automatically when a timer value exceeds a predetermined value; ~~at a specified time; and~~
~~a delay process which, when the display is performing writing of an image based on display data by consuming electric power supplied from the electric power source, delays execution of the automatic power off process so that the electric power source is turned off after completion of the writing of the image which is being written on the display based on the display data at the time of executing the automatic power off process;~~
whereby the display displays a complete image based on the image ~~[[display]]~~ data after the electric power source has been turned off.

6. (Canceled)

7. (Previously Presented) An electronic information device according to claim 6, wherein the specified operation includes an operation of a key switch.

8. (Canceled)

9. (Previously Presented) An electronic information device according to claim 8, further comprising an image pick-up unit for picking up an image of an object by use of an image sensor and for producing the image data.

10. (Previously Presented) An electronic information device according to claim 5, wherein information written on the display is a thumbnail picture such that a plurality of thumbnail images can be written side by side.

11. (Currently Amended) An electronic information device comprising:
a display using a material having a memory effect, the display having a write mode for writing an image on the display based on display data and a display mode for displaying the image written in the write mode without electric power, and when the write mode is interrupted before completion of the writing of the image, an incomplete image including a part of the image remains to be displayed on the display in the display mode;

a first input member [[with]] which is manually operated by an operator [[can]] to input a specified command to instruct the electronic information device how to operate; and

a controller which, when the first input member is operated while writing of an image based on display data on the display is being performed, invalidates the command sent from the first input member and, when the first input member is operated after completion of the writing of an image based on display data, controls the electronic information device in accordance with the command sent from the first input member;

whereby when the first input member is operated during writing of an image based on the display data on the display, the display completely displays the image which was being written based on the display data when the first input member was operated after an electric power source supplying power to the display has been turned off.

12. (Previously Presented) An electronic information device according to claim 11, wherein the first input member is for inputting a command to shut off the supply of electric power to the display.

13. (Previously Presented) An electronic information device according to claim 11, further comprising:

a second input member with which an operator can input a command which is different from the command inputted with the first input member;

wherein, the controller controls the electronic information device in accordance with the command sent from the second input member regardless of whether or not writing on the display is being performed.

14. (Previously Presented) An electronic information device according to claim 13, wherein the second input member is a shutter button.

15. (Previously Presented) A method of controlling an electronic information device, said method comprising the steps of:

writing an image based on display data on a display which uses a material having a memory effect by supplying electric power to the display from an electric power source, the display having a write mode for writing an image on the display and a display mode for displaying the image written in the write mode without electric power, and when the write mode is interrupted before completion of the writing of the image, an incomplete image including a part of the image remains to be displayed on the display in the display mode;

commanding a power-off of the electric power source in response to an operating of a first input member by an operator; and

when a power-off of the electric power source is commanded while the display is performing writing of an image based on display data by consuming electric power supplied from the electric power source, executing the power-off command after completion of the writing of the image which is being written on the display based on the display data when the power off of the electric power source is commanded;

whereby when the power off of the electric power source is commanded while the display is performing writing of an image based on display data, the display displays a complete image based on the display data after the electric power source has been turned off.

16. (Canceled)

17. (Previously Presented) A control method according to claim 16, further comprising the step of picking up an image of an object by use of an image sensor and producing the image data.

18. (Previously Presented) A control method according to claim 15, wherein information written on the display is a thumbnail picture such that a plurality of thumbnail images can be written side by side.

19. (Currently Amended) A method of controlling an electronic information device, said method comprising:

a write step of writing an image based on display data on a display which uses a material having a memory effect by supplying electric power to the display from an electric power source, the display having a write mode for writing an image on the display and a display mode for displaying the image written in the write mode without electric power, and when the write mode is interrupted before completion of the writing of the image, an incomplete image including a part of the image remains to be displayed on the display in the display mode;

an automatic power-off step of automatically turning off the electric power source ~~at a specified time~~ when a timer value of a timer exceeds a predetermined value; [[and]]

an increment step of the timer value which increments the timer value when the write mode has been completed; and

a resetting step that resets the timer value when a manual operation of an input member is operated by an operator to input a specific command;

~~a delay step of, when writing of an image based on display data on the display is being performed, delaying execution of the power off step so that the electric power source is~~

~~turned off after completion of the writing of the image which is being written on the display based on the display data at the time of executing the automatic power off process;~~

whereby the display displays a complete image based on the display data after the electric power source has been turned off.

20. (Canceled)

21. (Previously Presented) A control method according to claim 20, wherein the specified operation includes an operation of a key switch.

22. (Canceled)

23. (Previously Presented) A control method according to claim 22, further comprising an image pick-up step of picking up an image of an object by use of an image sensor and producing the image data.

24. (Currently Amended) A method of controlling an electronic information device, said method comprising the steps of:

writing an image based on display data on a display which uses a material having a memory effect by supplying electric power to the display from an electric power source, the display having a write mode for writing an image on the display and a display mode for displaying the image written in the write mode without electric power, and when the write mode is interrupted before completion of the writing of the image, an incomplete image including a part of the image remains to be displayed on the display in the display mode;

issuing a specified command to instruct the electronic information device how to operate in response to a manual operation of [[by operating]] a first input member by an operator; and

when the first input member is operated while writing of an image based on display data on the display is being performed, invalidating the command sent from the first input member, and, when the first input member is operated after completion of the writing of an

image based on display data, controlling the electronic information device in accordance with the command sent from the first input member;

whereby when the first input member is operated during writing of an image based on the display data on the display, the display completely displays the image which was being written based on the display data when the first input member was operated after the electric power source has been turned off.

25. (Previously Presented) A control method according to claim 24, wherein the first input member is for issuing a command to shut off the supply of electric power to the display.

26. (Previously Presented) A control method according to claim 25, further comprising the steps of:

issuing another command by operating a second input member; and

controlling the electronic information device in accordance with the command sent from the second input member regardless of whether or not writing on the display is being performed.

27. (Previously Presented) A control method according to claim 26, wherein the second input member is a shutter button.

28. (Previously Presented) An electronic information device according to claim 5, wherein the electric power source is adapted to supply driving power to the electronic information device, including the display.

29. (Previously Presented) The control method according to claim 19, wherein the electric power source is adapted to supply electric power to the electronic information device, including the display.

30. (New) An electronic information device which functions with a display including a write mode for writing an image on the display and a display mode thereafter for

displaying the written image without electric power, and when the write mode is interrupted before completion of the writing of the image, an incomplete image including a part of the image remains to be displayed on the display in the display mode, the electronic information device comprising:

- an electric power source for supplying driving power to the display;
 - a first input member to be operated by an operator to issue a turn-off command to turn off the electric power source; and
 - a controller which, in response to a command to turn off the electric power source which is issued while the display is performing writing of an image based on display data by consuming electric power supplied from the electric power source, turns off the electric power source after completion of the writing of the image which is being written on the display based on the display data when the command to turn off the electric power source is issued;
- whereby the display displays a complete image based on the display data after the electric power source has been turned off.

31. (New) An electronic information device which functions with a display which uses a material having a memory effect, the display which has a write mode for writing an image on the display and a display mode thereafter for displaying the written image without electric power, and when the write mode is interrupted before completion of the writing of the image, an incomplete image including a part of the image remains to be displayed on the display in the display mode, the electronic information device comprising:

- an electric power source for supplying driving power to the display;
 - an input member to be manually operated by an operator to input a specified command to instruct the electronic information device how to operate;
 - a timer for counting elapsed time; and
 - a controller which resets a timer value when the manual operation of the input member is conducted, and increment the timer value when the write mode has been completed;
- wherein the controller performs the following processes:

an automatic power-off process which turns off the electric power source automatically when a timer value exceeds a predetermined value;

whereby the display displays a complete image based on display data after the electric power source has been turned off.

32. (New) An electronic information device which functions with a display which uses a material having a memory effect, the display which has a write mode for writing an image on the display and a display mode thereafter for displaying the written image without electric power, and when the write mode is interrupted before completion of the writing of the image, an incomplete image including a part of the image remains to be displayed on the display in the display mode, the electronic information device comprising:

a first input member which is manually operated by an operator to input a specified command to instruct the electronic information device how to operate; and

a controller which, when the first input member is operated while writing an image based on display data on the display is being performed, invalidates the command sent from the first input member and, when the first input member is operated after completion of the writing of an image based on display data, controls the electronic information device in accordance with the command sent from the first input member;

whereby when the first input member is operated while writing the image based on the display data on the display, the display completely displays the image which is being written based on the display data when the first input member is operated after an electric power source supplying power to the display has been turned off.